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Albert I Hall

Session II (cont'd)

INDOOR AIR QUALITY : CHEMISTRY AND BIOLOGICAL EFFECTS
QUALITÉ DE L'AIR AMBIANT : CHIMIE ET EFFETS BIOLOGIQUES

Chairmen
D. Rondia & M. Mansour

WRE ? 11.00 O33 **Accumulation of semi-volatile chemicals in indoor-environment**
I. Gebefügi & F. Korte (Gesellschaft für Strahlen- und Umweltforschung mbH München, Institut für Ökologische Chemie, Neuherberg & Technical University of Munich, Institute of Chemistry, Chair of Ecological Chemistry, Freising-Weihenstephan, F.R. Germany)

11.15 O34 **Role of combustion products in bronchial hyperreactivity - A case control study**
M. Bert, J. Kühr, A. Hendel-Kramer, R. Urbanek, E. Schultz*, H. Staiger* & W. Karmaus** (University Children Hospital, Freiburg, *German Weather Service, Freiburg & **Centre of Science, Berlin, F.R. Germany)

? 11.30 O35 **Use of molecular biologic techniques to study pulmonary fibrosis**
A. Poole, Smith Kline and French Research Ltd. (The Frythe, Welwyn, United Kingdom)

11.45 O36 **Glucans as potential inflammatory agents in indoor air**
R. Rylander, S. Sörensen, H. Goto*, K. Yuasa* & S. Tanaka (Department of Environmental Hygiene, University of Gothenburg, Sweden & *Institute of Medical Sciences, Tokyo, Japan)

12.00 O37 **The contribution of unvented natural gas combustion to indoor air quality**
I. Billick (Gas Research Institute, Chicago, U.S.A.)

12.15 O38 **An epidemiologic study of the dose-response relationship between BaP concentration in indoor air and lung cancer mortality in Xuan Wei, China**
Xingzhou He & Wei Chen (Institute of Environmental Health and Engineering Chinese Acadmey of Preventive Medicine, Beijing, China)

12.30 **Lunch break/Pause déjeuner**

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Session III

INDOOR AIR QUALITY : VENTILATION, CLIMATISATION AND POLLUTANTS
QUALITÉ DE L'AIR AMBIANT : VENTILATION, CLIMATISATION ET POLLUANTS

Chairmen
C. Molina & J.E.H.M. van Bronswijk

14.00	O39	**Ventilation, health and energy conservation : a workable compromise** G. Robertson (ACVA Atlantic Inc., Fairfax, VA, USA)
14.20	O40	**Sick Buildings can be controlled through air quality specifications and monitoring** T. Aström (Västra Frölunda, Sweden)
14.35	O42	**Aeroallergen species and their indoor/outdoor relationship** D.A. Sterling & T.H. Stock* (Old Dominion University, Norfolk & *University of Texas, Houston, Texas, U.S.A.)
14.50	O43	**Quelques exemples d'études d'ambiances climatisées** A. Mouilleseaux, F. Squinazi & B. Festy (Laboratoire d'Hygiène de la Ville de Paris, France)
15.05	O44	**Regression model for indoor concentrations of combustion-generated gases** A. Hendel-Kramer, J. Kühr, R. Urbanek, H. Staiger*, E. Schultz* & W. Karmaus** (University Children Hospital, Freiburg, *German Weather Service, Freiburg & **Centre of Science, Berlin, F.R. Germany)
15.20	O45	**Residence time of vapour pollutants in the atmosphere** M. Mansour (Institut für Ökologische Chemie, Freising Attaching, F.R. Germany)
15.35	O46	**A Czechoslovak survey about ventilation habits in dwellings** L. Pirsel (Slovak Technical University, Bratislava, Czechoslovakia)
15.50		**Coffee break/pause café**

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Session III (cont'd)

INDOOR AIR QUALITY : VENTILATION, CLIMATISATION AND POLLUTANTS
QUALITÉ DE L'AIR AMBIANT : VENTILATION, CLIMATISATION ET POLLUANTS

Chairmen
J. Bignon & G. Löfroth

WRE 16.30 O47 **Emissions from building materials. The role of additives in PVC-materials**
K. Saarela, K. Kaustia & A. Kiviranta (Technical Research Centre of Finland, Chemical Laboratory, Espoo, Finland)

WRE 16.45 O48 **Influence of indoor air pollution on NO2 personal exposure levels of schoolchildren**
Y. Shimizu, S. Imai* & Y. Tsunetoshi** (Department of Public Health, Saitama Medical College, *Department of Public Health, Osaka Prefectural Government & **Department of Public Health, Miyazaki Medical College, Japan)

17.00 O49 **Statistical significance of home indoor air fungal spore samples in time and space**
M. J. Jantunen, A. Nevalainen, A-L. Pasanen* & P. Kalliokosi* (National Public Health Institute, Kuopio & *University of Kuopio, Finland)

17.15 O50 **Indoor Pollution by mineral fibers**
J. Bignon, G. Dufour*, P. Brochard & A. Gaudichet** (*Cliniquement de Pathologie Respiratoire et Environnement, INSERM 139, Creteil, *Laboratoire d'Etude des Particules Inhalées, DASES, Paris & **Lamaast, Université Paris XII, Créteil, France)

WRE 17.30 O51 **Indoor Air Quality, Housing and Health**
S. Shanmuganandan & P. Thirumalaikolundusubramanian* (Department of Geography, Madurai Kamaraj University & *Department of Medicine, Madurai Medical College, India)

17.45 O52 **The Acarex/Acarosan concept, its possibilities in allergology and dermatology**
J.E.H.M. van Bronswijk & G. Schober (Interuniversity working group Home and Health, Utrecht State University, Utrecht, The Netherlands)

18.00 O53 **Lutte contre les excréments d'acariens porteurs d'allergènes dans l'air ambiant**
E. Bischoff (Gesellschaft für Hausbiologische Forschung, Mainz, F.R. Germany)

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Session IV

INDOOR AIR QUALITY : PREVENTION AND FUTURE GUIDELINES
QUALITÉ DE L'AIR AMBIANT : PREVENTION ET ORIENTATIONS FUTURES

Chairmen
A.V. Nero Jr. & Cl. Bieva

09.00	O54	**Developing an effective respective on the risks and control of indoor air pollutants** A.V. Nero Jr. (Lawrence Berkeley Laboratory, USA)
09.30	O55	**New concepts of control and prevention in residential design and construction** P. Bierman-Lhytle (The Masters Corporation, New Canaan, Connecticut, U.S.A.)
09.45	O56	**Portable air sampler for measurements in aircraft and public buildings** J.F. van der Wal (MT-TNO, Delft, The Netherlands)
10.00		**Coffee break/Pause café**
10.30	O57	**Demand controlled ventilating systems, new concepts for indoor air quality and energy conservation** L. Trepte (Dornier-System, Friedrichshafen, F. R. Germany)
10.45	O58	**A database of problem buildings : learning by past mistakes** C.W. Collett, E.M. Sterling, T.D. Sterling* & J.J. Weinkam* (Theodor D. Sterling & Associates, Vancouver & *School of Computing Science, Faculty of Applied Sciences, Simon Fraser University, Burnaby, Canada)
11.00	O59	**Programme de traitement en vue de la lutte contre la pollution microbiologique interne occasionnée par les installations de climatisation mal entretenues** E. Clement (De Kobra, Opwijk, Belgique)
11.15	O60	**Present and future exceedence of health related reference values for air pollutants in dutch dwellings** H.J. van de Wiel & E. Lebret (National Institute of Public Health and Environmental Protection, Bilthoven, The Netherlands)
11.30	O62	**Les actions françaises de recherche incitative pour la maitrise de la qualité de l'air intérieur des locaux habitables** J.P. Marie* & P.C. Jacquignon (*Plan Construction et Architecture & Secrétariat d'Etat à l'Environnement, Paris, France)
11.45	O63	**Ventilation system retrofits as a method of solution for the sick building syndrome** E.M. Sterling & C.W. Collett (Theodor D. Sterling & Associates, Vancouver, Canada)
12.00		**Closing session/Séance de clôture**

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